

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BADE Tiventor: Knapp et al.

Serial No.:

09/761,494

Filing Date:

1/16/01

For: Superscalar Processor Having Content

Addressable Memory Structures for

Determining Dependencies

Atty. Dkt. No.: 5681-86000

Examiner: Harkness, Charles A.

Art Unit: 2183

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below:

Registered Representative

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APR 13 2004

P.O. Box 1450 Alexandria, VA 22313-1450

Commissioner for Patents

Technology Center 2100

Sir:

Please find attached a Power of Attorney with regard to the above-identified patent application. Applicant respectfully requests the Commissioner to change the correspondence address for the above identified patent application. The old correspondence address was:

> McCormick, Paulding & Huber LLP City Place II, 185 Asylum Street Hartford, CT 06103-3401

The new correspondence address is:

B. Noël Kivlin Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. P.O. Box 398 Austin, Texas 78767-0398 (512) 853-8840

If there are any questions regarding this matter, please contact me at the telephone number provided below.

Respectfully submitted,

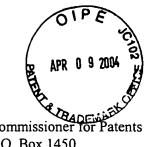
B. Noël Kivlin

Registration No. 33,929

Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. P.O. Box 398

Austin, Texas 77253-3267

(512) 853-8840 Date: 4/7/04



POWER OF ATTORNEY

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SUN MICROSYSTEMS, INC. hereby revokes any previous Powers of Attorney and appoints the following attorneys and/or agents in connection with the patent applications and patents identified in Appendix A, owned by SUN MICROSYSTEMS, INC., that are filed with the United States Patent and Trademark Office:

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Bernice B. Chen	Reg. No. 42,403	Sean P. Lewis	Reg. No. 42,798
Arien C. Ferrell	Reg. No. 46,696	Jeffrey L. Myers	Reg. No. 44,252
Marc D. Foodman	Reg. No. 34,110	Paul D. Sorkin	Reg. No. 39,039
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Anirma R. Gupta	Reg. No. 38,275	Joseph A. Twarowski	Reg. No. 42,191
Noreen A. Krall	Reg. No. 39,734	•	_

each of said attorneys being employed by Sun Microsystems; and

Mark K. Brightwell	Reg. No. 47,446	Lawrence J. Merkel	Reg. No. 41,191
Kay A. Colapret	Reg. No. 52,759	Eric B. Meyertons	Reg. No. 34,876
Stephen J. Curran	Reg. No. 50,664	Neal E. Persky	Reg. No. 53,452
Mark R. DeLuca	Reg. No. 44,649	Liza Philip	Reg. No. 51,352
Heather L. Flanagan	Reg. No. 54,101	David W. Quimby	Reg. No. 39,338
Russell Henrichs	Reg. No. 50,354	Rory D. Rankin	Reg. No. 47,884
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Jeffrey C. Hood	Reg. No. 35,198	Chris Thompson	Reg. No. 43,188
B. Noël Kivlin	Reg. No. 33,929	Mark S. Williams	Reg. No. 50,658
Robert C. Kowert	Reg. No. 39.255		- ·

each of said attorneys or agents being a member or an associate of the firm of Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C., as its attorney or agent for so long as they remain with such firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent, and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Send all future correspondence to:

B. Noël Kivlin

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Assignee of Interest

SUN MICROSYSTEMS, INC.

4150 Network Circle

Santa Clara, California 95054

Dated: March, 30, 2004

Elaine K. Lee, Reg. No. 41,936

Senior Patent Counsel



APPENDIX A

MHKKG. Ref::-	Sun Ref	Filing Date	Serial#	Title	Inventor(s)
86000	P5217	01/16/01	09/761,494		Knapp, Kongetira, Lamere, & Staraitis

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JULY 17, 2001 PTAS

MCCORMICK, PAULDING & HÜBER LLP J. KEVIN GROGAN, ESQ. 1441 MAIN STREET, 8TH FLOOR FIRST MASS. CENTER SPRINGFIELD, MASSACHUSETTS 01103 UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231



101701922A

JUL 20 2001

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RECORDATION DATE: 05/01/2001

REEL/FRAME: 011746/0309

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KNAPP, MICAH C.

DOC DATE: 03/16/2001

ASSIGNOR:

KONGETIRA, POONACHA P.

DOC DATE: 03/23/2001

ASSIGNOR:

LAMERE, MARC E.

DOC DATE: 01/22/2001

ASSIGNOR:

STARAITIS, JULIE M.

DOC DATE: 01/22/2001 RECEIVED

ASSIGNEE:

SUN MICROSYSTEMS, INC. 901 SAN ANTONIO ROAD PALO ALTO, CALIFORNIA 94303

Technology Center 2100

APR 13 2004

SERIAL NUMBER: 09761494

PATENT NUMBER:

FILING DATE: 01/16/2001

ISSUE DATE:

MARY BENTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

05-04-2001 U.S. Department of Commerce FORM PTO-1619/ Patent and Trademark Office Expires 06/30/99 OMB 0651-0027 **PATENT** 101701922 CORDATION FORM COVER SHEET PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). Submission Type Conveyance Type 1 Assignment **Security Agreement** New Resubmission (Non-Recordation) License Change of Name Document ID# Correction of PTO Error Other Merger Reel # Frame # U.S. Government Corrective Document (For Use ONLY by U.S. Government Agencies) Reel# Frame # Departmental File Secret File Mark if additional names of conveying parties attached Execution Date

Month Day Yes Conveying Party(ies) Name (line 1) MICAH C. KNAPP 03 16 01 Name (line 2) Execution Date Second Party Month Day Name (line 1) POONACHA P. KONGETIRA 01 Name (line 2) R ceiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) SUN MICROSYSTEMS, INC. is an assignment and the receiving party is not Name (line 2) domiciled in the United States, an appointment of a domestic Address (line 1) 901 SAN ANTONIO ROAD representative is attached. (Designation must be a separate document from Address (line 2) Assignment.) Address (line 3) PALO ALTO CALIFORNIA 94303 **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) Technology Center 2100 Address (line 4) FOR OFFICE USE ONLY 05/03/2001 YPOLITE1 00000070 09761494 02 FC:581 Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 651-0027, Patent and Trademark Assignment Practice. OO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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Correspondent Nam and Addr ss Area Code and Telephone Number (413) 736-5401
Name J. KEVIN GROGAN, ESQ.
Address (line 1) McCORMICK, PAULDING & HUBER LLP
Address (line 2) 1441 Main Street, 8th Floor
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Address (line 4) Springfield, Massachusetts 01103 Technology Center 2100
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Number of Properties
Enter the total number of properties involved. #
Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00
Method of Payment: Enclosed ✔ Deposit Account Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)
Deposit Account Number: # 13-0235
Authorization to charge additional fees: Yes V No No
Statement and Signature
To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of the original document. Charges to deposit account are authorized, as
indicated herein.
J. KEVIN GROGAN, ESQ. 3/1/6/
Name of Person Signing Signature Date

ASSIGNMENT

THIS INSTRUMENT OF ASSIGNMENT WITNESSETH THAT: WHEREAS, we, MICAH C. KNAPP, POONACHA P. KONGETIRA, MARC E. LAMERE and JULIE M. STARAITIS

residents of 12 Regent Street, Apt. #2, Cambridge, MA 02140; 4250 El Camino Real #A303, Palo Alto, CA 94306; 374 Rutland Street, Carlisle, MA 01741; and 122 Sandy Pond Road, Ayer, MA 01432

respectively, have invented improvements in

A SUPERSCALAR PROCESSOR HAVING CONTENT ADDRESSABLE MEMORY STRUCTURES FOR DETERMINING DEPENDENCIES

for which an application for a Letters Patent of the United States was filed on January 16, 2001, as Application Serial No. 09/761,494, and

WHEREAS, SUN MICROSYSTEMS, INC.

a corporation of the State of Delaware

having a place of business at

901 San Antonio Road

Palo Alto, California 94303

is desirous of acquiring an interest in said invention, said application and the Letters Patent to be issued therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of ONE DOLLAR to each in hand paid and other good and valuable consideration, the receipt whereof is hereby acknowledged, we have sold, assigned and set over, and do hereby sell, assign and set over to said corporation, its successors or assigns, the entire right, title and interest to and in said invention in the United States and in all foreign countries, said United States application for Letters Patent therefor and the Letters Patent when issued;

and we do hereby authorize and request the Commissioner of Patent and Trademarks to issue the Letters Patent based upon said application to said corporation as the assignees of our entire right, title and interest to and in the same, for the sole use and behoof of said corporation, its successors or assigns.

And we also hereby covenant and agree to sign all proper papers including divisional and other applications for patents and assignments thereof in the United States and application for patents and assignments in all foreign countries, and to execute all rightful oaths and to take any other proper action that may in the judgment of the said corporation be necessary for securing thereto full rights to said invention, all of the foregoing to be at the expense of said corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal this \dot{b} day of \dot{b} , 200 l.

MCAH C. KNAPP

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal this 23 day of March , 2001.

POOMACHA P. KONGETIRA

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal this ²²day of James , 2001.

MARCE LAMERE

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal this 72 day of jan, 20 a.

[L.S.]